



NATIONAL
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KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

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AGRICULTURAL NEWS: This past week the Commonwealth experienced another hot and humid week; with the average temperature throughout the State 3 degrees above normal and equal to the previous week at 79 degrees. Precipitation throughout the State was 0.15 inches above normal, totaling 1.21 inches. **Topsoil moisture** was rated as 16 percent very short, 35 percent short, 44 percent adequate, and 5 percent surplus. **Subsoil moisture** was rated as 15 percent very short, 36 percent short, and 49 percent adequate. There were 5.3 days, out of a possible 7, suitable for fieldwork. Spraying tobacco and soybeans, mowing, baling hay, and topping tobacco were the major activities for the week.

ROW CROPS: There are reports of poor corn pollination conditions and gray leaf spot moving into corn fields. The corn crop condition was reported at 4 percent very poor, 13 percent poor, 31 percent fair, 39 percent good, and 13 percent excellent. Corn silking is at 81 percent, well ahead of last year's 53 percent and the five year average of 72 percent. Corn milked is at 48 percent, ahead of last year's 8 percent and the five year average of 29 percent. Corn dough is at 16 percent, ahead of the five year average of 6 percent. Soybeans blooming was 68 percent, well ahead of last year's 33 percent, and the five year average of 42 percent. Soybean setting pods is at 22 percent, ahead of the five year average of 13 percent. The condition of the soybean crop was reported as 2 percent very poor, 8 percent poor, 30 percent fair, 43 percent good, and 17 percent excellent.

TOBACCO: Throughout the State, producers are reporting tobacco is revealing the effects of

a lack of subsoil moisture and growth stalled in many fields. The condition of set tobacco was reported as 2 percent very poor, 7 percent poor, 27 percent fair, 46 percent good and 18 percent excellent. There are reports of insect pressure and blooming of short tobacco.

OTHER CROPS AND PASTURE: As of July 18, pastures were rated as 1 percent very poor, 13 percent poor, 29 percent fair, 47 percent good, and 10 percent excellent. Hay crop condition was reported at 2 percent very poor, 11 percent poor, 29 percent fair, 47 percent good, and 11 percent excellent.

CROP PROGRESS for week ending 07/18/10

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Silking	81	68	53	72
Corn Milked	48	17	8	29
Corn Dough	16	NA	0	6
Soybeans Blooming	68	49	33	42
Soybeans Setting Pods	22	7	0	13
Burley Tobacco Blooming	40	NA	22	20
Burley Tobacco Topped	17	NA	9	7
Dark Tobacco Blooming	60	NA	29	35
Dark Tobacco Topped	29	NA	17	17

SOIL MOISTURE for week ending 07/18/10

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	16	35	44	5
Subsoil	15	36	49	0

CROP CONDITIONS for week ending 07/18/10

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Corn	4	13	31	39	13
Soybeans	2	8	30	43	17
Pasture	1	13	29	47	10
Hay Crops	2	11	29	47	11
Tobacco	2	7	27	46	18

KENTUCKY WEATHER SUMMARY, JULY 12 - 18, 2010:

Above Normal Temperature and Above Normal Rainfall:

This past week the Commonwealth experienced another hot and humid week. The week started off with some showers, which dropped the majority of the rainfall on the Bluegrass and Eastern climate divisions. Conditions heated up soon after, with parts of the west reaching the emergency level for livestock heat stress for the first time this year in the state. By the end of the week another system pushed into the state, which brought scattered showers and thunderstorms.

Temperatures for the period averaged 79 degrees across the state which was 3 degrees above normal and equal to the previous week's average. High temperatures averaged from 90 in the West to 86 in the East. Departure from normal high temperatures ranged from 0 degrees from normal in the West to 0 degrees from normal in the East. Low temperatures averaged from 72 degrees in the West to 69 degrees in the East. Departure from normal low temperature ranged from 6 degrees above normal in the West to 4 degrees above normal in the East.

Rainfall for the period totaled 1.21 inches statewide which was 0.15 inches above normal. Rainfall totals by climate division, West 0.91 inches, Central 0.91 inches, Bluegrass 1.52 inches and East 1.48 inches, which was -0.02, -0.20, +0.46 and +0.35 inches respectively from normal. By station, rainfall totals ranged from a low of 0.30 inches at Somerset to a high of 3.08 inches at Grayson.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, JULY 18, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr. 1
		(Inches)				(Degrees Fahrenheit)						
Bardstown	0.63	15.83	2.13	+0.92	-1.99	91	69	79.7	+4	197	2197	+340
Berea	2.64	20.39	4.50	+4.80	+0.62	91	65	78.0	+3	187	2074	+168
Bowling Green	1.07	21.52	1.56	+5.34	-2.58	96	70	81.8	+6	204	2325	+389
Bristol	0.59	8.14	1.93	-5.11	-1.76	94	63	77.8	+2	183	2079	+331
Buckhorn Lake	1.01	13.92	2.67	-0.90	-1.52	87	62	76.2	+1	180	2008	+338
Cape Girardeau	0.52	15.09	3.31	-0.06	+0.10	94	71	81.6	+4	203	2357	+324
Campbellsville	1.07	20.50	2.07	+3.29	-2.43	91	66	78.9	+3	194	2144	+268
Covington	1.03	15.78	2.57	+1.45	-1.17	90	64	78.4	+3	190	2047	+341
Cumberland Gap	2.61	15.02	4.95	-1.19	+0.47	91	67	78.1	+3	188	2155	+437
Dix Dam	0.64	18.87	3.12	+3.36	-0.98	90	65	79.1	+4	194	2122	+265
Evansville	1.84	11.42	3.16	-3.19	-0.35	96	71	81.6	+4	201	2265	+341
Glasgow	0.59	16.47	1.65	-0.82	-2.97	93	68	80.3	+4	198	2254	+408
Grayson	3.08	20.41	5.56	+5.86	+1.46	88	64	76.6	+1	181	2014	+405
Hardinsburg	1.03	16.73	2.01	+0.99	-2.02	94	68	79.5	+3	194	2185	+249
Henderson	0.33	11.68	1.27	-3.29	-2.37	95	66	79.8	+2	194	2226	+272
Huntington	1.76	17.05	3.95	+2.63	-0.15	88	63	76.3	+1	180	2098	+362
Jackson	1.13	17.72	5.17	+2.27	+0.85	88	63	76.5	+1	182	2142	+472
Lexington	1.60	20.05	3.96	+5.14	-0.16	90	64	78.1	+3	189	2111	+375
London	1.03	14.07	3.46	-0.49	-0.51	90	65	77.5	+2	186	2137	+419
Louisville	1.44	18.60	2.43	+3.67	-1.34	96	70	83.1	+7	211	2418	+494
Mayfield	0.60	11.72	1.27	-4.32	-2.46	92	67	80.4	+2	198	2321	+324
Nashville	3.36	29.49	6.39	+14.36	+2.89	95	70	81.9	+6	202	2405	+342
Nolin Lake	0.70	17.22	1.68	+0.36	-2.56	92	66	78.7	+3	190	2163	+384
Paducah	0.99	12.69	1.41	-3.74	-2.37	94	69	81.3	+3	202	2351	+336
Princeton	1.17	20.57	2.10	+4.47	-1.67	93	69	80.7	+3	203	2296	+312
Quicksand	0.95	14.57	4.78	-0.88	+0.46	90	67	78.0	+3	188	2116	+446
Somerset	0.30	18.10	2.07	+1.60	-2.18	91	65	78.5	+3	188	2096	+287
Spindletop	1.88	18.06	3.93	+3.15	-0.19	91	65	78.6	+3	191	2114	+378
Williamstown	1.33	18.77	3.78	+3.81	-0.11	89	64	77.4	+2	187	2038	+302

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>